

## ABSTRACT OF THE DISCLOSURE

5 A process is provided for auditing a communication session between a source connected to a first node of a service network and a destination connected to a second node of the service network. At least one of the source and destination are outside of the service network and are in communication with an interface of the service network. In the process, flow activity of selected traffic outside of the service network, as well as in or at an interface of the service network, is captured between the source and the destination at selected states and points in time during the communication session. Comparisons are conducted between the flow activity captured outside of the service network and flow activity captured in or at an interface of the service network to audit the delivery of services in the service network.